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CONFIRMATION NO. 4319

<b>SERIAL NUMBER</b> 10/731,796	<b>FILING OR 371(c) DATE</b> 12/09/2003 <b>RULE</b>	<b>CLASS</b> 711	<b>GROUP ART UNIT</b> 2186	<b>ATTORNEY DOCKET NO.</b> E0295.70196US00	
<b>APPLICANTS</b> Michael Kilian, Harvard, MA; Stephen Todd, Shrewsbury, MA;					
<b>** CONTINUING DATA *****</b> N/A C.I.					
<b>** FOREIGN APPLICATIONS *****</b> N/A L.F.					
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 03/17/2004</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and <u>Examiner's Signature</u> <u>LI</u> Acknowledged Initials		<b>STATE OR COUNTRY</b> MA	<b>SHEETS DRAWING</b> 7	<b>TOTAL CLAIMS</b> 2421	<b>INDEPENDENT CLAIMS</b> 3
<b>ADDRESS</b> 23628					
<b>TITLE</b> Methods and apparatus for caching a location index in a data storage system					
<b>FILING FEE RECEIVED</b> 842	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		